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| Ravi Konaparthi |

# Summary

* About 16 years of experience in System Analysis Design Development and Implementation of various commercial applications using Microsoft Technologies that includes client/server applications and Web based Internet/Intranet Applications.
* A highly motivated and energetic professional, dedicated to understanding and meeting clients' needs. Highly knowledgeable in project management tools, processes and techniques.
* Has extensive experience in managing offshore teams for clients. Addressed issues of quality, cost, communication, culture and other issues that arise from a typical offshore establishment.
* Architect, develop, and implement unit test and testing methodologies for all assigned projects and deliverables, as well as directing development teams.
* Provide and managed to the team of large size (10+) by providing technical and process guidance. Experience in setting coding standards and guidelines for the team.
* Experience with Web Services, WCF (Windows Communication Foundation) and Micro services with ASP.NET Web API
* Automating environment build and provisioning using virtualization, containerization and orchestration tools with Docker.
* Extensive experience in design, develop, maintaining and administrating SharePoint and ASP.NET technologies.
* Experienced with complete application development life-cycle including requirements gathering, analysis and design, coding, testing, prototyping and development with methodologies like Scrum and Water fall model.
* Proven experience in Architecture design, product development and implementation, management with strong emphasis in multi-tiered environments like ASP.NET application development with Service Oriented, Object Oriented Architectures and SharePoint Architecture.
* Experience in Installation, Configuration and Administration of SharePoint large farms (2007-2016).
* Solid experience in designing GIS based solutions using ESRI’s JS API.
* K2 certified smartforms builder and K2 blackpearl core developer.
* Experience in K2 BlackPearl to create K2 solution artifacts like workflows (KPRX), SmartObjects (SODX) and SmartForms within K2 designer.
* Strong communication skills with the ability to effectively communicate and collaborate with executives, business clients and developers.
* In-depth knowledge of front-end Single Page Application (SPA) development using AngularJS JavaScript framework and responsive design with bootstrap, HTML5 and CSS3
* Expertise in application development using ASP.NET, C#, SharePoint, MVC, WCF, Web API, JavaScript, Angular JS, Angular 2+, jQuery, SQL Server, SSIS, HTML5, CSS3, RESTful Services.
* Great Knowledge in creating style guides, best practices and setting UI standards for enterprise applications.
* Experience in creating test suites using Jasmine, Karma and Protractor, Experience in mobile frameworks such as Ionic and Cordova for creating HTML/JS based mobile applications.

# Education

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| **Qualification** | **University** | **Duration** |
| B.Tech | JNTU | 2001 – 2005 |

# TECHNICAL PROFICIENCY

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| Category | Skill |
| Technologies | C#, .NET, ASP.NET, ASP.NET Core, MVC Razor, ADO.NET, Entity Framework, WSS, SharePoint Server, Micro Services with Web API’s, JSON, Web Services, SSIS, SSRS |
| Web Technologies | JavaScript, HTML5, CSS3, jQuery, Ajax, XML, DOJO, Angular JS, Angular 2/4/7/9, RxJS, ExpressJS, NodeJS |
| GIS Development | ESRI JavaScript API, Python |
| Database | SQL Server, SQL, T-SQL, MySQL, NO SQL (MongoDB) |
| Design, Architecture | MVC, SOA, OOD, Design Patterns, Enterprise Architecture, Distributed Systems, TDD |
| Security | SSO with tokens, Best Practices, Claims-based Security, Federated Security |
| Methodologies | Agile, Waterfall |
| Virtualization/Cloud | Dockers, AWS (EC2, S3, Cloud Front, Code Deploy, Cloud Watch, LoadBalance) |

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# WORK EXPERIENCE

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| **Angular Technical Lead**  **Employer: Cloudbclabs (CBC)**  **Client: Verizon, Tampa FL** | **Apr 2022 – Till Date** |

* Responsible for creating/maintaining web-based applications using Angular 8.
* Worked extensively with Angular CLI for creating Components, Services, Pipes and Directives.
* Migrate and updates from AngularJS to Angular.
* Created typescript reusable components and services to consume RESTAPIs using component-based architecture.
* Deliver features utilizing CSS frameworks: SASS
* Contribute and define new Coding Standards including defining standards for accessibility, performance
* Work with your Scrum Master, Product Owner & team to continuously improve quality and ways of working
* Work with UI / UX designer to help create then implement best design practices
* Find solutions to most challenging issues with development and deployment of application.
* Strong experience with UX Frameworks, UI Containers, Caching, Hybrid mobile solutions
* Configured Grunt tasks to build the application (AngularJS and Angular)
* Used polyfill to support web standards on existing browsers of the users.
* **Technologies Utilized**: AngularJS, Angular 2+, Bootstrap 3, SASS.

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| **Angular Technical Lead**  **Vendor: Dasro Consulting**  **Client: Sasktel International, Regina, SK**  **Employer: ClydeRiver Consulting Inc** | **Jan 2020 – Apr 2022** |

* Responsible for creating web-based applications using Angular 9, ASP.NET WebAPI’s, SQL Server and Entity Framework.
* Deliver features utilizing CSS frameworks: LESS, SASS
* Responsive page layouts with dynamic content
* Contribute and define new Coding Standards including defining standards for accessibility, performance
* Work with your Scrum Master, Product Owner & team to continuously improve quality and ways of working
* Work with mobile app developers to interface with native app features
* Work with UI / UX designer to help create then implement best design practices
* Extensive knowledge of CSS and JS methods for providing performant visual effects
* Created Docker containers for running Angular applications locally
* Used docker containers to automate REST service endpoints
* **Technologies Utilized**: Angular5/9, Bootstrap 4, SASS, Docker

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| **ASP.NET/Angular Technical Lead**  **Vendor: Capstone Consulting, NE** | **Apr 2019 – Feb 2020** |
| **Client: NNG (Northern Natural Gas), Omaha NE**  **Employer: Pioneer Consulting** |  |

* Responsible for creating web-based applications using JavaScript (ECMAScript 6), Angular 7 and ASP.NET WebAPI’s.
* Developing RESTful services with using database first approach with the Entity Framework to generate models and the dbcontext.
* Built Web pages that are more user-interactive using HTML5, CSS3, SASS, JavaScript, Bootstrap, Angular 7, RESTFUL API Services and JSON.
* Working closely to the client for requirement gathering and analysis and provided desired solution to client in time limits.
* Created SPAs with multiple views using route services and developed/tested features in an AGILE environment using Angular 7 and Typescript.
* Demonstrating the architectural implementation through code and design.
* Great Knowledge in creating style guides, best practices and setting UI standards for enterprise applications.
* Implemented .NET Security features of Authentication and Authorization using custom tokens
* Implemented Data Access Layer using Entity Framework to connect, retrieve and update the data from SQL server.
* Work with the Admin team to incorporate new enhancements and features on the CI/CD pipeline based on requirements.
* **Technologies Utilized**: Visual Studio 2018, ASP.NET MVC 4, Web API Restful Services, Angular 7, SQL Server 2018.

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| **Technical Engineering Manager**  **Cognizant Technology Solutions** | **Aug 2016 – Mar 2019** |
| **Client: Verizon, Tampa FL** |  |

* Manage the production development of design concepts, with focus on validation and production readiness.
* Working closely to the client for requirement gathering and analysis and provided desired solution to client in time limits.
* Led sprint reviews and daily scrum meetings to touch base with whole team and ensure that all members were performing satisfactorily.
* Oversaw software developers’ progress on applications and applied principles of agile methodologies to keep project on track.
* Designed GIS single page solution using Bootstrap, Angular JS, Angular 2+ and ESRI JS API.
* Demonstrating the architectural implementation through code and design.
* Coding and Tuning the queries, Stored procedures and functions, Triggers using PL/SQL
* Implemented .NET Security features of Authentication and Authorization using custom tokens
* Implemented Data Access Layer using Entity Framework to connect, retrieve and update the data from SQL server.
* Closely worked with the UX team to create a seamless customer experience for a high traffic website through desktop, mobile and smartphone interfaces.
* Work with the Tool Admin team to incorporate new enhancements and features on the CI/CD pipeline based on requirements.
* **Technologies Utilized**: Visual Studio 2018, ASP.NET MVC 4, Web API Restful Services, Angular JS, Angular2/4, SQL Server 2018, ESRI JS API v3.2, Python.

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| **ASP.NET Sr.Consultant** | **Jan 2016 – Aug 2016** |
| **Oracular IS, WI** |  |
| **Client: Hydrite Chemicals, Milwaukee, WI** |  |

* Prepared analysis, design documents, estimation, for different component and functional modules required by the system.
* Coded extensively in C# targeting the Business requirements.
* An exclusive experience working with User Controls with C# code-behind files, debugging and Quality Testing of the code.
* Implemented SOLID principles to develop loosely coupled components.
* Developing the application using MVC, Entity Data Model and Web API Micro-services.
* Involved in Database design, writing stored procedures & queries, functions.
* Implemented .NET Security features of Authentication and Authorization using custom tokens
* Implemented Data Access Layer using Entity Framework to connect, retrieve and update the data from SQL server.
* Extensively used Bootstrap, Angular JS in developing responsive web design.
* Front end development using standards based HTML5 and CSS3 working with jQuery/jQuery mobile in conjunction with a proprietary .NET driven CMS
* **Technologies Utilized**: Visual Studio 2015, C#, ASP.NET MVC 2, Web API Restful Services, Angular JS, jQuery, SQL Server 2012.

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| **ASP.NET/SharePoint/K2 BlackPearl Technical Lead**  **Cognizant Technology Solutions** | **July 2015 – Jan 2016** |
| **Client: AbbVie, IL** |  |

* Installation and Configuration of SharePoint 2013 Server Farm.
* Created apps using ASP.NET and deployed them into SharePoint 2013 environment as provider hosted apps.
* Major role in Planning, designing and implementing SharePoint architecture.
* Responsive UI design HTML5, CSS3, Bootstrap, jQuery, jQuery UI, Angular JS and JavaScript.
* Developed strategies for caching, session state, as well as design for high performance sites by limiting page size and iterations.
* Analysis and designed the most suitable presentation method, visual elements, and programmatic objects that meet design and business objectives.
* Proactively communicate and enforce best practices coding standards; handle difficult/sensitive information appropriately; effectively communicate with clients to identify needs; and evaluate alternative business solutions.
* Use of metadata (terms, term set, enterprise keywords, tagging) to build site taxonomy and improve search.
* Create WebAPI RESTful services to be consumed by K2 Smartforms.
* Worked on K2 BlackPearl development - server, SmartBox/Objects, SmartForms. Wrote various custom Service Object provider to SmartBox to transform vertically stored data into a flat structure to populate SmartObjects.
* Worked on K2 BlackPearl development - server, SmartBox/Objects, SmartForms.
* Wrote various custom Service Object provider to SmartBox to transform vertically stored data into a flat structure to populate SmartObjects.
* **Technologies Utilized**: Visual Studio 2015, K2 BlackPearl, C#, ASP.NET, Bootstrap, HTML5, CSS3, jQuery, Angular JS, Web API, SharePoint 2013, SQL Server 2012.

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| **SharePoint Technical Lead** | **June 2014 – June 2015** |
| **Cognizant Technology Solutions**  **Client: WorldBank, Washington DC** |  |

* Developed scripts to migrate data from Oracle DB to SharePoint 2013 and to populated metadata.
* Configured and enhanced Search to populate search results with various metadata properties and filters.
* Worked with various teams to define scope, requirements, stories and sprint planning.
* Created responsive UI design with Bootstrap, CSS3 media queries, jQuery, jQuery UI.
* Customizing and Branding sites through SharePoint Master pages and Page Layouts.
* Configured document approval workflows for all the documents which are uploaded.
* Designed and implemented User interface and templates in ASP.NET MVC.
* Developed RESTful services to populate data from external systems.
* Implemented the responsive design from the templates provided by the UX team to support desktop, mobile and smartphone interfaces.
* Integrated Social features into SharePoint 2013 using Yammer
* **Technologies Utilized**: Visual Studio 2015, C#, ASP.NET, Bootstrap, HTML5, CSS3, jQuery, jQuery UI, ASP.NET RESTful Services, SharePoint 2013, SharePoint Designer 2013, SQL Server 2012.

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| **SharePoint Lead**  **Cybertech Systems and Software Inc** | **Apr 2013 – June 2014** |
| **Client: Nalco, IL** |  |

* Installing and Configuring mid-level SharePoint 2010 farm.
* Create site collections for various departments in the Organization and to maintain them.
* Customizing and Branding sites through SharePoint Master pages and Page Layouts.
* Created Powershell scripts to populate metadata from the document properties.
* Created custom FBA for SharePoint 2010 environment.
* Created multiple web parts for easy visualization of information.
* Created Powershell scripts for automating various administrative tasks in SharePoint.
* **Technologies Utilized**: Visual Studio 2012, C#, ASP.NET, jQuery, jQuery UI, ASP.NET RESTful Services, SharePoint 2010, SharePoint Designer, SQL Server 2012.

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| **GIS/ASP.NET Technical Lead** | **Sep 2008 – Mar 2013** |
| **Cybertech Systems and Software Ltd, Mumbai, India** |  |
| **Client: ESRI, Redlands CA** |  |

* Understand the Requirements from Business users and create High level functional specification documents.
* Developed various GIS based solutions to demonstrate capabilities of ESRI’s JS API.
* Developed various RESTful services to consume data various data sources to be consumed by various clients like Silverlight, iOS, Android and JavaScript.
* Developed Universal solutions using CSS3, jQuery, Dojo, jQuery UI.
* Customized ArcGIS webpart for SharePoint 2010 to fetch data from various external data sources.
* Research and recommend emerging design methods and technologies on ArcGIS webparts for SharePoint.
* Created various PowerShell scripts for deploying webparts and taking backups of various site collections.
* Created extensive documentation on test cases and provided this to the QA team, based on JS-Lint best practices, troubleshot the issues found during alpha and beta testing.
* Create setup and code minification using Google’s Closure Compiler.
* Create detailed configuration, user guide and deployment guide for the developed applications.
* Hiring software engineering resources as needed to maintain adequate staffing levels.
* **Technologies Utilized**: Visual Studio 2010, C#, ASP.NET, jQuery, jQuery UI, Dojo, ASP.NET RESTful Services, SharePoint 2010, SharePoint Designer, SQL Server 2008, ESRI JS API.

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| **SharePoint Lead Developer** | **Jan 2008 – Aug 2008** |
| **Microsoft Gulf, Manama Bahrain** |  |
| **Client: LMRA, Bahrain** |  |

* Create and Design physical and logical architecture of a new MOSS 2007 Implementation.
* Led discussions and workshops with business users to gather user requirements and extract functional and non-functional requirements.
* Created a set of documentation for the full project, including Technical specifications of the functional requirements.
* Developed browser-based InfoPath forms and task forms to replace a group of legal paper forms, configured and attached workflows to them and saved the information to SharePoint lists.
* Generated reports based on workflow history for executive users.
* Created Web services for querying AD to fetch data into InfoPath Forms.
* Created Web services to fetch and update data back into Microsoft GP 10.
* Provided User Manual documentation and technical configuration manuals as part of the standard documentation package of the project.
* **Technologies Utilized**: Visual Studio, MOSS, SharePoint Designer 2007, InfoPath 2007, SQL Server 2008, Windows Server 2003-2008.

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| **ASP.NET Developer** | **Aug 2007 – Dec 2007** |
| **Ascendum Solutions, Bangalore, India** |  |
| **Client: Harvest Earnings, Cincinnati OH** |  |

* Analysis and Requirement gathering.
* Installation and Configuration of IIS/Database environments in development, QA and Production.
* Document the functional and business requirements.
* Development of various ASPX pages, retrieved data using ADO.NET and C#.
* Implemented technologies like HTML, Java Script, AJAX and Infragistics controls for rich UI experience.
* Led discussions with business users to gather user requirements and extract functional and non-functional requirements.
* Performed Client and server-side validations form validations using Java Script and ASP.NET validation controls respectively.
* Implemented Custom Error handling to handle exceptions.
* Generated various web reports on the requirements.
* **Technologies Utilized**: Visual Studio, ASP.NET 2.0, JavaScript, Infragistics, HTML, SQL Server 2005, XML, ADO.NET.

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| **ASP.NET/SharePoint Developer** | **Dec 2005 – Aug 2007** |
| **Cybertech Systems and Software Ltd, Mumbai, India** |  |
| **Client: Harman Becker Automotive Systems, MI** |  |

* Analysis and Requirement gathering.
* Designing and implementing K2.NET workflows and solutions in line with SDLC process
* Deploying workflows and Infopath forms into SharePoint server
* Developing Infopath 2003 forms and SmartForms using K2.NET
* Unit Testing the code
* **Technologies Utilized**: Visual Studio, ASP.NET, JavaScript, HTML, AJAX, SQL Server 2000, ADO.NET, SharePoint 2013, InfoPath 2003.